

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/724,693

DATE: 12/08/2000
 TIME: 14:38:15

Input Set : A:\402gseq.001
 Output Set: N:\CRF3\12082000\I724693.raw

Does Not Comply
 Corrected Diskette Needed
 See pp 2, 3

SEQUENCE LISTING

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C--> 4 (1) GENERAL INFORMATION:
      6 (i) APPLICANT: Hadlaczky, Gyula
      7 Szalay, Aladar
C--> 9 (ii) TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF
      10 AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES
      12 (iii) NUMBER OF SEQUENCES: 34
      14 (iv) CORRESPONDENCE ADDRESS:
      15 (A) ADDRESSEE: Heller Ehrman White & McAuliffe
      16 (B) STREET: 4250 Executive Square, 7th Floor
      17 (C) CITY: La Jolla
      18 (D) STATE: CA
      19 (E) COUNTRY: USA
      20 (F) ZIP: 92037
      22 (v) COMPUTER READABLE FORM:
      23 (A) MEDIUM TYPE: Diskette
      24 (B) COMPUTER: IBM Compatible
      25 (C) OPERATING SYSTEM: DOS
      26 (D) SOFTWARE: FastSEQ Version 1.5
      28 (vi) CURRENT APPLICATION DATA:
C--> 29 (A) APPLICATION NUMBER: US/09/724,693
C--> 30 (B) FILING DATE: 28-Nov-2000
      50 (C) CLASSIFICATION:
C--> 47 (vii) PRIOR APPLICATION DATA:
      33 (A) APPLICATION NUMBER: 08/835,682
      34 (B) FILING DATE: 10-APR-1997
      38 (A) APPLICATION NUMBER: 08/695,191
      39 (B) FILING DATE: 07-AUG-1996
      43 (A) APPLICATION NUMBER: 08/682,080
      44 (B) FILING DATE: 15-JUL-1996
      48 (A) APPLICATION NUMBER: 08/629,822
      49 (B) FILING DATE: 10-APR-1996
      52 (viii) ATTORNEY/AGENT INFORMATION:
      53 (A) NAME: Seidman, Stephanie L
      54 (B) REGISTRATION NUMBER: 33,779
      55 (C) REFERENCE/DOCKET NUMBER: 24601-402G
      58 (ix) TELECOMMUNICATION INFORMATION:
      59 (A) TELEPHONE: 858-450-8403
      60 (B) TELEFAX: 858-587-5360
      61 (C) TELEX:

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ERRORED SEQUENCES

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239 (2) INFORMATION FOR SEQ ID NO: 6:
241 (i) SEQUENCE CHARACTERISTICS:
242 (A) LENGTH: 47 base pairs

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243 (B) TYPE: nucleic acid
244 (C) STRANDEDNESS: single
245 (D) TOPOLOGY: linear
W--> 247 (ii) MOLECULE TYPE: RNA
248 (iii) HYPOTHETICAL: NO
C--> 249 (iv) ANTI-SENSE: NO
W--> 250 ~~(v) FRAGMENT TYPE:~~
251 ~~(vi) ORIGINAL SOURCE:~~
252 ~~(ix) FEATURE:~~
254 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
E--> 256 CCGCTTAATA CTCTGATGAG TCCGTGAGGA CGAAACGCTC TCGCACC

RNA sequence cannot contain "T's",
only A, C, G, or U.

not needed if there is no response.

47 missing "end of line"
nucleic base number

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:

Seg # 10

- (A) LENGTH: 945 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(vi) ORIGINAL SOURCE:

(ix) FEATURE:

- (A) NAME/KEY: Coding Sequence
- (B) LOCATION: 1...942
- (D) OTHER INFORMATION: Renilla Reinformis Luciferase

(x) PUBLICATION INFORMATION:

~~PATENT NO.~~ 5,418,155 → *should be preceded by (H) Document Number:*

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/724,693

DATE: 12/08/2000

TIME: 14:38:17

Input Set : A:\402gseq.001

Output Set: N:\CRF3\12082000\I724693.raw

L:4 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]
L:9 M:220 C: Keyword misspelled or invalid format, [(ii) TITLE OF INVENTION:]
L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:32 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:37 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:42 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:47 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:73 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:78 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=1, Value=[]
L:74 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=1, Value=[]
L:113 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:118 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=2, Value=[]
L:114 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=2, Value=[]
L:151 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:156 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=3, Value=[]
L:152 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=3, Value=[]
L:211 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:216 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=4, Value=[]
L:212 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=4, Value=[]
L:230 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:235 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=5, Value=[]
L:231 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=5, Value=[]
L:249 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:254 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=6, Value=[]
L:247 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6, Value=[RNA]
L:250 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=6, Value=[]
L:256 M:254 E: No. of Bases conflict, Input:0 Counted:47 SEQ:6
L:270 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:275 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=7, Value=[]
L:271 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=7, Value=[]
L:290 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:295 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=8, Value=[]
L:291 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=8, Value=[]
L:308 M:220 C: Keyword misspelled or invalid format, [(D) OTHER INFORMATION:]
L:308 M:220 C: Keyword misspelled or invalid format, Poss data loss, Seq 9, (D) OTHER INFORMATION:
L:339 M:243 E: Alpha Header Field expected, Data=[PATENT NO.: 5,418,155]
L:341 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=10, Value=[]
L:433 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:438 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=11, Value=[]
L:434 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=11, Value=[]
L:452 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:457 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=12, Value=[]
L:453 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=12, Value=[]
L:471 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:472 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=13, Value=[]
L:512 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:513 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=14, Value=[]

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L:553 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:554 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=15, Value=[]
L:593 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:594 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=16, Value=[]
L:979 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:980 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=17, Value=[]
L:1713 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1714 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=18, Value=[]
L:1734 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1735 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=19, Value=[]
L:1764 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1765 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=20, Value=[]
L:1789 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1790 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=21, Value=[]
L:1813 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1814 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=22, Value=[]
L:1837 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1838 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=23, Value=[]
L:1866 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1867 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=24, Value=[]
L:1896 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1897 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=25, Value=[]
L:1914 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1915 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=26, Value=[]
L:1932 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1933 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=27, Value=[]
L:1950 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1951 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=28, Value=[]
L:1968 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1969 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=29, Value=[]
L:1987 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:1988 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=30, Value=[]
L:2005 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:2006 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=31, Value=[]
L:2023 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:2024 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=32, Value=[]
L:2041 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:2042 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=33, Value=[]
L:2059 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:2060 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=34, Value=[]